CLAIMS

What is claimed is:

5   1. A method for providing video data, comprising the steps of:

opening a main connection for receiving transmissions of a data flow;

opening a second connection for transmission of at
10   least one look-x data stream comprising data from said data flow;

indexing at least one point of the look-x data stream to at least one corresponding point in said data flow; and

15   providing control of a playback position of said data flow based on the indexed points in the look-x data stream.

2.   The method of claim 1, further comprising the
20   step of:

displaying a timeline corresponding to the indexed look-x points, the timeline having at least one of said indexed look-x points displayed so as to reference a position on said timeline.

25

3.   The method of claim 1, wherein said step of providing control includes the step of:

displaying at least one of a skip forward and a skip back button configured to step a play position of said
30   data flow to a position corresponding to a respective one of a next and a previous of said look-x data points relative to the current play position of said data flow.

4.   The method of claim 1, further comprising the steps of:

displaying a timeline having representations of the
5   indexed points;

selecting at least one of the indexed points; and

displaying said data flow at a point beginning with the selected indexed point.

10   5.   The method of claim 1, wherein said data flow is a video and said look-x points are frames of said data flow retrieved from one of said main connection and said second connection.

15   6.   The method of claim 1, wherein said second connection is a low resolution connection relative to the main connection.

7.   The method of claim 1, further comprising the
20   step of:

selecting a predetermined number of said indexed look-x points;

displaying the predetermined number of indexed points to provide reference for a playback control
25   mechanism; and

updating the selected predetermined number of indexed look-x points based on an update criteria.

8.   The method of claim 7, wherein said step of
30   selecting includes the step of:

selecting said predetermined number of look-x points such that each of the look-x points is within a

predetermined distance of a first play position of said
data flow.

9. The method of claim 7, wherein said update
criteria comprises a change of the playback position a
predetermined amount from the first play position during
the selection step.

10. A device for client side video indexing,
comprising:
    a video player comprising:
        a main data stream for receiving transmissions
of a data flow;
        a look-x data stream connection for receiving
transmissions of the data flow; and
        a controller for indexing at least one point of
the look-x data stream to a corresponding at least one
point in said data flow; and
    a display for displaying at least one of the indexed
look-x points.

11. The device of claim 10, wherein the video
player further comprises:
    a skip forward button and a skip back button that
each step a play position of said data stream to a
respective one of a next and a previous of said look-x
points relative to the current play position of said
data stream.

12. The device of claim 10, wherein the display
further displays a timeline referenced to the data flow
and at least one of said indexed look-x points, the

indexed look-x points each displayed so as to reference a position on said timeline.

13.   The device of claim 10, wherein the video
5   player device further comprises:

a select button for providing a user the capability to select at least one of the indexed points enabling display of the data flow to begin at the selected indexed point.

10

14.   The device of claim 10, wherein said look-x data stream connection is a low resolution data stream relative to the main data stream connection.

15